

19990628.ba v02_n592.bam.990628

>From ???@??? Tue Jun 29 04:43:36 1999
Message-Id: <199906290222.d5T2MC001981@sco.theporch.com>
Date: Mon, 28 Jun 1999 21:19:19 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2592

BOATANCHORS Digest 2592

Topics covered in this issue include:

- 1) Re: Quiz, July issue QST
by David Stinson <arc5@ix.netcom.com>
- 2) WTB: ARC-12 transceiver
by David Ross <ross@hypertools.com>
- 3) Help
by "Lloyd A. Scott, Jr." <wpul1130@concentric.net>
- 4) Planning a Computer system
by ail0@lehigh.edu (ARTHUR I. LARKY)
- 5) Signal on 500Kc.
by Dick Dillman <ddillman@igc.apc.org>
- 6) Tech Manual F/S
by Jderm740@aol.com
- 7) Field Day 99 - Vintage operation
by Bob/WB0AUQ <brainbol@lawrence.ks.us>
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by zeitler@ibm.net
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by mnhopkins@juno.com
- 12) DC Series Motor Questions
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- 13) More Vintage Field Day
by thompson@mindspring.com
- 14) Questioning DC Motor Questions
by "Rhett T. George" <rtg@ee.duke.edu>
- 15) All-time Champioin QRM Producer
by "Spencer Petri" <wa5jci@flash.net>
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- 17) Hallicrafters Collectors- Thanks
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- 18) Re: Winding high power xmit toroids

- by Richard Loken <richardlo@devax.admin.athabascau.ca>
- 19) Re: More Vintage Field Day
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
- 20) Crypto QSLs
by mnhopkins@juno.com
- 21) (no subject)
by Bob Roehrig <broehrig@admin.aurora.edu>
- 22) National HRO Questions
by "Benjamin D. Hall" <kd5byb@WT.NET>
- 23) Re:
by "William B. Ross" <billross@txdirect.net>
- 24) T-195 and R-392 manuals?
by "Larry Bearse" <lbearse@mail1.nai.net>
- 25) Re: Winding high power xmit toroids
by "Barry L. Ornitz" <ornitz@tricon.net>

Message-ID: <37767611.1298CB71@ix.netcom.com>
Date: Sun, 27 Jun 1999 14:05:54 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Quiz, July issue QST
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> QST July issue.
>What is wrong with the upper left picture on page 8?...

That's a rare Hallicrafters Command Set transmitter, Ken!
You can tell because the roller coil control is on
the left side of the transmitter.... (heh heh).

Seriously, thanks for pointing that out...I'd missed it.
So nice to see WW-II history sitting next to a laptop!

73 Dave Stinson AB5S

Message-Id: <199906272016.NAA14730@voltz.willapabay.org>
Date: Sun, 27 Jun 1999 13:13:07 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: David Ross <ross@hypertools.com>
Subject: WTB: ARC-12 transceiver
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

BAfolks -

I'd like to find an ARC-12 transceiver - sorry I don't know the military "RT" nomenclature.

What I'm after is not one of the "ARC TYPE 12" radios built by Aircraft Radio Corp.

The real ARC-12 was built by Collins and worked in the UHF AM aircraft radio band. The ARC-12 covers 225-350 MCs and is the size & shape of the RT-18/ARC-1.

73 & thanks

Dave Ross N7EPI ross@hypertools.com

Message-ID: <3776AA84.D05F69C7@concentric.net>
Date: Sun, 27 Jun 1999 15:49:40 -0700
From: "Lloyd A. Scott, Jr." <wpul1130@concentric.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Help
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings All: I have lost Ben Nock's address, can someone supply me with it. Many thanks
Lloyd

Message-Id: <199906280054.UAA29276@ns4-1.CC.Lehigh.EDU>
Date: Sun, 27 Jun 1999 20:54:24 EDT
From: ail0@lehigh.edu (ARTHUR I. LARKY)
Subject: Planning a Computer system
To: Old Tube Radios <boatanchors@theporch.com>

Someone was looking for a copy of "Planning a Computer System". Please contact me directly.
Art K3HBA AIL0@LARKY.COM

Date: Sun, 27 Jun 1999 19:23:34 -0700 (PDT)
Message-Id: <2.2.16.19990627190911.454f07d4@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: Signal on 500Kc.

Tom Horsfall, WA6OPE and I passed another milestone today in our continuing efforts to restore the WWII RCA Radiomarine 4U Victory ship radio console to operational status. I've finished the HF transmitter and receiver and have started work on the main receiver. The main receiver-transmitter setup is a 200W A1/A2 outfit covering 350 to 500Kc. which is referred to as intermediate frequency (low frequency operation being in the 100Kc. range at the time).

Tom has been working on the emergency intermediate frequency transmitter. This is a 40W unit using A2 only ("a pleasing 700 cycle note", according to the manual) that employs six 1624 tubes in a MOPA circuit. It provides six pre-set frequencies but they are not crystal controlled. As required by regulations the emergency transmitter must operate from a power source independent of the ship's main power. In this case power is supplied by a 12V battery driving a small (compared to the one for the HF and main transmitters!) MG set.

The emergency transmitter was in bad shape when we took possession, having been de-milled by having its frame rails twisted literally 90 degrees in addition to several other insults (we have run across radios on the ships in the "mothball fleet" that have been de-milled with an axe!). Tom's work has brought it back from the dead and today we were ready to fire it up for the first time in at least 30 years.

We attached the regulation dummy load provided with every installation to the antenna terminal and connected heavy leads from the 12V battery to the terminal strip. A flip of the switch and the MG set came right up. After a bit of fiddling with dirty switch contacts and reversed leads on the filament voltage meter, the RF ammeter was showing 2.5A into the dummy load with every press of the key (and clack of the keying relay).

But of course we wanted to hear it.

The HF receiver tunes down to 85Kc. (so it can back up the main receiver) so we tuned that to 500Kc. - and there it was. A pleasing note as the manual promised but of course completely overloading the receiver.

Then Tom had an idea. "Let's try the emergency receiver," he suggested.

The emergency receiver in the 4U radio console is, again as mandated by international regulation, a crystal set. Mounted right on the panel next to the HF receiver is a cat's whisker with a tuning dial beneath. I shudder to contemplate the extreme situation that would actually bring this receiver into play on the high seas. But we were safe in the museum's basement restoration room so we plugged in a set of earphones (of the type supplied with the console, of course), found a sensitive spot on the crystal.. and there the signal was. Now of course we heard nothing but the A2 modulation (which is why all emergency transmitters operated exclusively on A2) and it

sounded great... much better than on the HF receiver.

So we continue to make progress with this project and look forward to an opening of the entire exhibit of which the radio console will be a part in November of this year. As we work in the basement San Francisco Maritime Museum craftsmen are building a replica of the ship's radio room - down to the correct light fixtures, porthole and even the welding beads - in which the console will be placed. I'll be sure to let you know when the opening date is set.

Regards,

Dick

Dick Dillman, W6AWO
Chief Operator at K6KPH of the Maritime Radio Historical Society
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From: Jderm740@aol.com
Message-ID: <60dad0b.24a83847@aol.com>
Date: Sun, 27 Jun 1999 22:30:31 EDT
Subject: Tech Manual F/S
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

To one and all. Aaalo

At the Goshen Hamfest I found a book. Being one who is addicted to books, I bought it. I cna't use but maybe someone else can. It's a Teck Manual TM 11-614 for Radio sets AN/GRC-10/ Radio terminal set AN/GEC-39 and Repeater AN/GRC-40. I'll never use it. It looks brand new. I thnk I'm only the second person to open it. \$15.00 ppd. Conus

Jack Jderm740@aol.com

Message-ID: <3776F6DB.356A@lawrence.ks.us>
Date: Sun, 27 Jun 1999 23:15:23 -0500
From: Bob/WB0AUQ <brainbol@lawrence.ks.us>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Field Day 99 - Vintage operation

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, our vintage Field Day (W0GI and I) went pretty well but did not escape multiple visits from Murphy. As mentioned previously, plans were to run the CW station with Heath Marauder transmitter/RME 6900 receiver and alternately a 75A4 receiver/Eldico SSB-100F transmitter. The Marauder had operated beautifully on the shack bench and on-air reports and output was great, but refused to load correctly when installed in the FD tent. The 'A4 worked so smoothly that we never got around to using the RME. Dave's insistence on using headphones (I've never developed the habit of using them) necessitated some last-minute rewiring in order to get sidetone and receiver audio routed to the cans and speaker. Further starting delay was from the PE-75 generator developing a case of vapor lock but it responded to an electric fan blowing across the carb and ran continuous until the storm hit on Sunday morning. Weather forecasts promised severe storms Saturday night/Sunday so we decided to tear down the boatanchor station and get packed away safely in the evening rather than waiting to the last minute. We then continued with a solid-state xcvr (early 70s tho, so would be vintage SS); was a good plan as we would never have been able to get all that heavy stuff packed when we were surprised by the fast-moving storm. It was a fun experience but probably will return to battery QRP next FD. All our visitors seemed to enjoy looking over the equipment. Everyone, of course, knew what a 75A4 was but the Eldico was a different matter. A picture of our setup is at:
<http://www.sunflower.com/~brainbol/Radio/fd99.8.jpg>

--

73,
Bob/WB0AUQ ex WN0AUQ
<mailto:brainbol@sunflower.com>

From: zeitler@ibm.net
Message-ID: <003701bec126\$ce7eff60\$52dd6520@km3g>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: fine tuning amp pi-network
Date: Sun, 27 Jun 1999 22:26:37 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The single 3-500Z amp project is going rather well but a little slower than planned. So far the amp is around 80% done. Only thing left is mounting the coils in the output tank and still need some doorknobs but no hurry on those. Have enough C in the tune and load air variables to get me all the way down to 40 and maybe 80 with no problem.

It actually started out as a modification to a Heathkit SB-1000. The only original parts left are the front panel, the plate tuning air variable, filament choke, tube socket, TR relay, and some hardware. Eventually will install Rich's QSK. Did his version of QSK to a couple of L4Bs and it really performs great.

Replaced the original multimeter with a multimeter from an Ameritron AL-82 because they measure up to 4000 volts dc which is the normal anode voltage for this amp now. The grid current meter has been replaced with the original multimeter so now I have 100% full time monitoring of E_p on the left meter and I_p on the right meter. Eventually will incorporate monitoring the filament E also but no hurry. With the Dahl plate and filament xmfr my filament E is 5.22 volts as measured at the filament pins with the tube energized.

Anyway, in optimizing the L for the output pi-net what are the recommended methods? I see not much difference btwn 1.8 and 1 μH of L on the output when tuning the 10 meter band. I did use a roller inductor to determine what the optimized L was but that was with full out of the deck on each band and I just know there must be a better way. I have the coils right now for 10 through 40 meters including 17 and 12 meters having their own switch positions. The value of L does not seem to be really critical in the resultant output power. Also does not seem to vary the I_p all that much either.

Anyway, just wondered how some of you HB'ers have optimized your tank circuits for each desired band.

Sorry I am not much of an engineer but I am learning a lot as I go. I homebrewed a quad 572B but it was rather poorly built so I thought I would do things right this time.

BTW I will have the front panel completely taken down to parade rest and re-silkscreened. I will snail mail pictures to Larry W7IUV for his amps photos web page when it is all done.

So how do we optimize the tank guys? I do have a lab quality grid dipper as well as the MFJ 259 SWR Analyzer.

Lane
Ku7i
San Diego

Message-ID: <024501bec13f\$a9493440\$1f00a8c0@ro>
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: RBM
Date: Mon, 28 Jun 1999 09:41:15 +0200
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There must be more than one RBM. The only one I know is a Sovjet " Partisan radio " from WW2.

73 Rag OZ8R0 Copenhagen

>Not no but H... no. The RBM ps puts out as I recall 6V and around
>230-240V. The TBX receiver, which has the same power plug, uses either 1.5
>or 3.0V for the heaters (depending upon which model TBX you have) and 6,
>15, 90 and 135V. The other plug (the 4-pin one) is for the transmitter
>which uses 12V and 500V.
>
>73,
>Robert Downs
>WA5CAB

Message-Id: <3.0.5.32.19990628050724.0099a9a0@mail1.telalink.net>
Date: Mon, 28 Jun 1999 05:07:24 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <badger@telalink.net>
Subject: Anyone heard from Bob Stone????
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone heard from Bob Stone lately? He is the surplus equipment guy in Portland CT. Had a big sale in April/May and had ordered some stuff from him (no, was not out any money so not griping). He was, I think having the sale because of a move. Last address I have for him is bobmoe@ix.netcom.com, but that mailbox is full.

His web page <http://www.cleocat.org> is still up, as is his surplus listing. Tried his fax number, but don't have a fax....

Thanks for any help

Tom KA4RKT

To: Old Tube Radios <boatanchors@theporch.com>

Date: Mon, 28 Jun 1999 05:47:29 -0500
Subject: The AOR, AOC and AOF
Message-ID: <19990628.055734.-94171.2.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: mnhopkins@juno.com

AOR, AOC, AOF

Those are not New Deal agencies closed down by the Supreme Court, but part of a long series of attempts made by International Crystal (ICM) to merchandise modular radio equipment. Coming at the end, and after the success of the little two-tube FCV-2 receive converters, the line is pictured in 73 Magazine's VHF special edition for July, 1964. They did not do as well as the later solid state stuff, it seems.

The "Add On" Circuits sat on plates 3 3/16 inch wide and ICM sold a special series of mounting cases. These were smaller than the by then obsolete STP-50 series 6M TX and modulator. Indeed, a 5-module AOT-50 Transmitter is listed in the '64 catalog, but it is for 80 or 40 M. But AOFs 89-91 were 8-9 mc VFOs and one could outfit an AOC converter or an AOR receiver for 180 kc up -- I guess.

The truth is, not much of this equipment may have been sold. Transistors were coming -- even in the same catalogs, and the amateur press ignored the series except for the AO type SSB filters. Or, like the T-12 two-tube BC Board 80-40M transmitter of 1957, they may now have so little perceived value that no one ever shows one.

But I want to believe that, somewhere you could get mail from Oklahoma City, there is some OT operating shelves of AOR stuff. If I can find him, maybe I can work him with my STP-50 TX on the next opening. I'll have to listen on something other than an AOR, though. I've never talked to anyone who has even seen one.

de ab5L, michael in dallas, MNHopkins@JUNO.com
Student of Tecraft, ICM and Six Meters' Golden age: 1957-58
Box 226841, Dallas, TX 75222
Fun Fact: ICM made a case for the FCV-2 converter: The M1

From: "Rhett T. George" <rtg@ee.duke.edu>
Date: Mon, 28 Jun 1999 09:29:33 -0400
Message-Id: <199906281329.JAA17404@champ.ee.duke.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: DC Series Motor Questions

- Greetings -

Seek Kwan asked several good question about series motors. I was going to reply directly, but I do not understand his e-mail address.

The dead giveaway on a series motor is that the field is wound with wire at least as large as that on the armature, and usually larger.

Also, noting that a motor is a brushed motor is another way so saying that it is not a brushless DC motor.ssssssssss

Hope this helps.

Rhett George

From: thompson@mindspring.com
Message-ID: <005801bec170\$ae6057c0\$0f5556d1@default>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: More Vintage Field Day
Date: Mon, 28 Jun 1999 10:15:30 -0400

We mostly got rained out in Georgia but did run 7 hours with the KW2000E as the main rig and the Elmac AF-67/Davco DR-30 as the backup CW rig. 10 meters was great Sat afternoon and 300 QSOs went in the log including 2 on 15. Stations worked were mostly W8/9 and 0 with a few VE's and W1's thrown in plus locals. Some signals were loud including W0CXX. The KW2000E went on 15 CW and 8 QSOs were made before the generator ran out of gas in a rain storm.

The AF-67 and Davco got started up on the 1500Watt portable generator and 33 QSOs were made on 20 CW in less than one hour. The AF-67 was putting out between 35 and 40 watts and we used the Dow Key TR Switch for break in. It was too late at night and the band was mostly W1 and W6/7 from Georgia.

We started up the next morning (we did not have any 40 or 80 antennas) and 10 and 15 were dead. 20SSB netted 40 QSO's but the 2000E did not sound right on SSB. Sigs were S4 or 5 and they told me I was S9 so either the RF stage or the 455Khz filter is going bad. back on the AF-67 for 23 more QSOs on 20 and a YV5 on 15 (gave us 589). bands dead at mid day. The last 20 minutes or our 24 hours we were back on 20 SSB for 12 more QSOs. We loaded up a Swan 55 mobile antenna and then worked 6 more stations on 40 SSB.

Boy this was a lot of work for only 431 QSOs. We ran the 2500 watt generator dry twice. Antenna used was the TA32JR on 30 foot mast and the Swan 55 mobile antenna. Phew....No AM QSOs were made altho we called two stations on 10 (29.0) but SWR was nearly 3 to 1 and we did not bring along

the small tuner.

Call used K4LY in 1B.

Dave K4JRB

From: "Rhett T. George" <rtg@ee.duke.edu>
Date: Mon, 28 Jun 1999 10:29:52 -0400
Message-Id: <199906281429.KAA17846@champ.ee.duke.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Questioning DC Motor Questions

- Greetings -

Sorry, lovers of absence of air in glass bottles. The motor note was intended for another group. It is plumb difficult to type when wearing this funny white suit with my hands behind my back.

73 Rhett

Message-ID: <000101bec176\$18be9f00\$19301ed1@wa5jci>
From: "Spencer Petri" <wa5jci@flash.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: All-time Champioin QRM Producer
Date: Mon, 28 Jun 1999 09:54:15 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings,

I recently got one of those Peltier junction coolers and the associated PS. This PS will blot out radios for miles. I thought my SP 600 had died, never heard such a racket other than ECM and maybe not then. Even with the ant disconnected the crud was still strong as horseradish..

GL,

es 73 de Pete WA5JCI

6 meter VUCC # 361

2 meter VUCC # 346

Message-Id: <199906281615.LAA20615@jackatak.theporch.com>

From: listown@jackatak.theporch.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Posting Admin Requests
Date: Mon, 28 Jun 99 11:15:01 CDT

Gang-

Please accept this periodic posting as it is intended:
A suggestion that will help everyone on the list...

If there is a problem with your email, i.e., the list suddenly stops coming to you, or if you have problems with someone else's mail, PLEASE address any questions to, and seek help from:

listown@jackatak.theporch.com

There is really no one on the list who can help you with a problem, and if I don't happen to see your post, nothing will happen, except you may irritate the other list members... needlessly.

This is *especially* true of the "XXXX YYYY your mail is bouncing, please send me a good address"

If your mail to this person is bouncing, in all likelihood, either you have the address a bit wrong, or s/he isn't receiving mail from ANYWHERE *especially* not from the list, which is delivered as "Bulk!"

Treat the list as a symposium.

In such an environment, with many folks attending who have paid to be here, it is unlikely you would take up the symposium's resources to solve an individual problem with your seating...

So, if you encounter a problem, PLEASE remember to send your questions to me, the one person who can help, at:

listown@jackatak.theporch.com

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -

listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Mon Jun 28 11:15:01 CDT 1999

Message-ID: <3777AB49.5A1FC852@ix.netcom.com>
Date: Mon, 28 Jun 1999 12:05:13 -0500

From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hallicrafters Collectors- Thanks
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to everyone who sent suggestions.
I've got a couple of good candidates to irritate with
my Halli flotsum and jetsum ;-).

73 Dave AB5S

Date: Mon, 28 Jun 1999 11:22:03 -0600 (MDT)
From: Richard Loken <richardlo@devax.admin.athabascau.ca>
Subject: Re: Winding high power xmit toroids
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Message-id:
<Pine.PMDF.3.95.990628111547.541163699B-1000000@devax.admin.athabascau.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

As an alternative to Barry's suggestion of spacing your toroids with pieces of epoxy board, you might consider wrapping each toroid in a layer of 3M Scotch #27 electrical tape and then taping the toroids together. Scotch 27 is a white woven tape and is more heat tolerant than the normal black PVC tape but I have only found it at electrical supply shops.

Taping the cores, in my ignorant opinion will do the same job as the PCB spacers and also provide a softer surface to wind your teflon wire on which will reduce the chances of having pressure points to displace the insulation.

This was suggested in the ARRL Handbook some 15 years ago, sometimes they are right and sometimes they are wrong...

Richard Loken VE6BSV, Systems Programmer - VMS
Athabasca University
Athabasca, Alberta Canada
** richardlo@admin.athabascau.ca **

Date: Mon, 28 Jun 1999 15:38:40 -0400
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <199906281938.PAA00747@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: More Vintage Field Day

Nice job Dave

I visited Kennehootchie & said 1 "qsl MI 1A" on 6. That on Sat.

Operated 1E from home Sun. betw. 1P & 2P & logged 22 15m contacts on a KMW1 running 1E barefoot to 2 el. quad. Worked about 16 states with the repeats in 6-scv, 6-orange, 6-lax.

Shudda done more.

No one can tell ur ssb's coming from tubes, eh?

BTW, vintage field day was three weeks back and an ER event.

Had TCS set up in yard next to kiddy wading pool with 1# salt added. Quikrete bag nearby for beach panache. Wanted it to "think Tarawa."

Just kidding.

We were doing vintage-use ARRL field day, OM

Marty

To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 28 Jun 1999 15:14:00 -0500
Subject: Crypto QSLs
Message-ID: <19990628.152501.-3184927.3.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: mnhopkins@juno.com

When I reviewed Frank Jones' received QSL cards for 1956-58, many of the authors used an active device style of notation for the TXs: "Rig HR 12AT7, 5763, pair 2E26 in PP" is fairly clear save the ambiguity of whether the "PP" denotes "push-pull," or "push-push."

I have been at in long enough (since '78) to read that form of notation, but when it goes on to the RXs, I get confused. If someone back in the '30s says "RX 1-1-2," I want to think it is a regenerative with an RF stage, tuned or untuned; a detector, and a pair of audio tubes. But some of the notation does not seem to fit that notation. Don't know how they would deal with a Type 19 dual triode, for instance.

What did the OTs understand about a number notation system for

receivers?

de ab5L, michael in dallas, MNHopkins@JUNO.com
Student of Tecraft, ICM and Six Meters' Golden age: 1957-58
Box 226841, Dallas, TX 75222
My kid's Yaesu: 2-28-3

Date: Mon, 28 Jun 1999 16:02:41 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <Pine.OSF.3.96.990628160155.2301C-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone have any knowledge of a source for rubber parts such as pinch
rollers/idler wheels?

"Nostalgia is a thing of the past"
E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222

Message-Id: <3.0.32.19990628172154.007d13d0@mail.wt.net>
Date: Mon, 28 Jun 1999 17:22:55 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "Benjamin D. Hall" <kd5byb@WT.NET>
Subject: National HRO Questions
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings all...

I've been lusting after a National HRO for a long time now, only to miss
out on them due to prior sale. (I need faster electrons for my e-mail!!!)

Anyways, I've located one and am considering it. I cannot locate the
receiver well in Moore's as it has round IF cans and a circular s-meter of
an older unit, but has the extra control to the left of the tuning dial
which I think is a Noise Limiter.

The problem is that it comes with a Type 5887AB Doghouse supply, which is
marked "Designed Especially for the FB-7." Is a 5887AB Doghouse one that
could be used to power an HRO?

Thanks in advance and 73,

Ben

Benjamin D. Hall, KD5BYB, Engine and radio collector / operator.

Located in Houston, Texas, USA.

e-mail: kd5byb@WT.net, web: ***down for refurbishment***

"An ye harm none, do what ye will."

Message-ID: <3777F748.B2801F89@txdirect.net>
Date: Mon, 28 Jun 1999 17:29:28 -0500
From: "William B. Ross" <billross@txdirect.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re:
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Roehrig wrote:

> Anyone have any knowledge of a source for rubber parts such as pinch
> rollers/idler wheels?
>
> Try ATEX Electronics, San Antonio, TX (210)340-3557.

Bill Ross K5LLK

Message-Id: <199906290150.VAA04867@mail1.javanet.com>
From: "Larry Bearse" <lbearse@mail1.nai.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: T-195 and R-392 manuals?
Date: Mon, 28 Jun 1999 21:50:49 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Anyone got original manuals for the T-195 and/or R-392 that they can part with?

Thanks.....Larry WA1LGQ

Message-Id: <199906290117.VAA03075@flash.naxs.net>
From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Winding high power xmit toroids

Date: Mon, 28 Jun 1999 22:18:39 -0400

Richard Loken, VE6BSV, suggested wrapping the cores with Scotch #27 glass-cloth tape. This will certainly work, and the glass-cloth tape is rated to quite high temperatures (the adhesive will harden at elevated temperatures making it permanent).

However, the tape is a thermal insulator. Most of the heat will be generated by the cores themselves in this application, not the winding. Putting Scotch #27 around the cores will only raise their temperature. My idea of using glass/epoxy washers was to space the wires away from the cores slightly allowing free air circulation between the wires and the cores to keep the cores cooler. Increasing temperature generally increases the permeability as well as the losses in the cores.

Since the cores are nonconductive, insulated wire may not be needed. Ordinary enameled wire may be used which will also keep the assembly cooler (PTFE is also a thermal insulator).

73, Barry WA4VZQ ornitz@tricon.net

End of BOATANCHORS Digest 2592
